

Platynotini (Coleoptera, Tenebrionidae, Opatrinae) of the Natural History Museum in Geneva

by

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With 7 figures

ABSTRACT

Platynotini (Coleoptera, Tenebrionidae, Opatrinae) of the Natural History Museum in Geneva. — 29 species of Platynotini are recorded from the Geneva collection, and new faunistic records are provided. One new species — *Platydendarus marzenae* is described and figured.

Through the kindness of Dr. Ivan Löbl of the Natural History Museum in Geneva I was able to examine the interesting collection of the Platynotini. The group is poorly known and only few faunistic and taxonomic papers were published (MULSANT and REY, 1853; GRIDELLI, 1947; KOCH, 1956; KASZAB, 1975).

The mentioned material is deposited in the Natural History Museum in Geneva.

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Opatriinus aciculatus Le Conte

Opatriinus aciculatus Le Conte, 1858, Proc. Ac. Phil. 1858: 75; Horn 1870, Trans. Am. phil. Soc. 14: 349.

MATERIAL EXAMINED: "Texas", 1♀.

Distribution: USA: Texas.

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Opatriinus gemellatus (Olivier)

Blaps gemellata Olivier, 1795, Ent. 3, 60: 9. — In *Opatriinus*: Mulsant and Rey 1853: 299; Marcuzzi 1977, *Studies Curaçao* 12, 170: 22.

MATERIAL EXAMINED: “Guadeloupe s. str., Deshaies Gr. Anse, 26.VII.1974, rotten leaves”, (Vit), 9♀ 9♂ 8♂ ♂. — “Guadeloupe Grd. T., St. Louis, 21.XI.1983”, (Vit), 2♀ 9♂ 1♂. — “Venezuela, coll. Gory”, 2♀ 9♂ 2♂ ♂. — “Colombia”, 2♂ ♂ 1♀. — “Porto Cabello”, 1♀.

Distribution: Guiana, Venezuela, Colombia, Margarita, Trinidad, Tobago, Grenada, Bequia, Moustique, Union, Barbados, St. Vincent, St. Lucia, Martinique, Dominica, Les Saintes, Marie-Galante, Guadeloupe, St. Kitts, St. Croix.

Opatriinus laticollis Latreille

Opatriinus laticollis Latreille, 1833, *Voy. Humb. Bonpl.* 34: 66; Mulsant and Rey 1853: 301.

MATERIAL EXAMINED: “Colombia”, 1♀ 1♂.

Distribution: New Grenada, Colombia.

Opatriinus minimus (Beauvois)

Tenebrio minimus Beauvois, 1805, *Ins. Afr. Amer.* 31: 164. — In *Opatriinus*: Chevrolat 1852, *Ann. Fr.* 2, 10: 636;

Opatrium notum Say, 1827, *Journ. Ac. Phil.* 5: 237; Mulsant and Rey, 1853: 309.

MATERIAL EXAMINED: “Florida, Wakolla Springs bei Tallahassee”, (Smetana), 1♀. — “Florida, Lake Istokpoga near Lorida, 12.III.1968”, (Smetana), 2♂ ♂. — “Louisiana, St. John The Baptit Co., Manchac, 20.III.1968”, (Smetana), 1♀. — “North Amer., coll. Gory”, 1♀ 3♂ ♂. — “Louisiana”, 1♀.

Distribution: Atlantic coast of the USA from Louisiana to Massachusetts.

Opatriinus moestus Mulsant and Rey

Opatriinus moestus Mulsant and Rey, 1853: 306.

MATERIAL EXAMINED: “Argentina, Buenos Aires, Stevenia, XI.1950”, (Mussard), 1♀.

Distribution: Argentina, Brazil.

Opatriinus pullus (Sahlberg)

Opatrium pullus Sahlberg, 1823, *Thon's Arch.* II: 16. — In *Opatriinus*: Gebien 1910, *Coleopterorum Catalogus* 15: 277; Marcuzzi 1977, *Studies Curaçao* 12, 170: 32; *Opatriinus anthracinus* Mulsant and Rey, 1853: 304.

MATERIAL EXAMINED: “Cuba”, 2♀ 9♂ 1♂. — “Mexico, Merida, Yucatan, 13-15.XII.1975”, (de Chambrier), 3♀ 9♂ 1♂.

Distribution: Puerto Rico, Jamaica, Cuba, Mexico.

Opatriinus corvinus Mulsant and Rey

Opatriinus corvinus Mulsant and Rey, 1853: 296; Gridelli 1947: 40; Koch 1956: 94.

MATERIAL EXAMINED: “Egypt”, (Melly), 2♀ 9♂ 2♂ ♂.

Distribution: Mali, Niger, Chad, Sudan, Ethiopia, Egypt.

Opatriinus costulatus (Guérin)

Opatrium costulatum Guérin, 1849, *Voy. Lefebure* 5: 321. — In *Opatriinus*: Gemminger and Harold 1870, *Catalogus Coleopterorum* VII: 1915; Gridelli 1947: 48; Koch 1956: 110.

MATERIAL EXAMINED: "Abyssinia", 2♂♂ 4♀♀.

Distribution: Nigeria, Chad, Sudan, Ethiopia, Somaliland.

Opatriinus latipes (Sahlberg)

Opatrium latipes Sahlberg, 1823, *Thon's Arch.* II, 1: 13. — In *Opatriinus*: Gemminger and Harold 1870, *Catalogus Coleopterorum* VII: 1915; Gridelli 1947: 46; Koch 1956: 105;

Opatriinus ovalis Mulsant and Rey, 1853: 315;

Opatriinus atratus Quedenfeldt, 1885, *Berl. Ent. Zeitchr.* XXIX: 8;

Opatriinus opacus Gebien, 1904, *Ark. Zool.* 2, 5: 4.

MATERIAL EXAMINED: "Ivory Coast, Adzopé", (Mussard), 1♂. — "Ivory Coast, Sassandra, August 1948", (Mussard), 2♀♀. — "Cameroon, at light", (Notari), 2♂♂ 1♀. — "Upper Volta, Ouagadougou, V-VII.1974", (Roler), 1♂. — "Senegal, coll. Gory", 1♀. — "Congo, Luluabourg", 2♀♀.

Distribution: tropical Africa.

Opatriinus servus Mulsant and Rey

Opatriinus servus Mulsant and Rey, 1853: 317; Gridelli 1947: 92; Koch 1956: 112.

MATERIAL EXAMINED: "Cameroon, VII.1983, Etoubi Assok, at light", (Notari), 1♂.

Distribution: tropical Africa.

Anchophthalmus algoensis Péringuay

Anchophthalmus algoensis Péringuay, 1904, *Ann. S. Afr.* 3: 237; Koch 1956: 128.

MATERIAL EXAMINED: "South Africa: Transvaal", (Audéoud), 1♂. — "Mozambique, Lourenço Marques", (Audéoud), 1♂.

Distribution: southern Mozambique, northern Transvaal.

Anchophthalmus plicipennis Péringuay

Anchophthalmus plicipennis Péringuay, 1904, *Ann. S. Afr.* 3: 238; Koch 1956: 148.

MATERIAL EXAMINED: "Tanganyika, Shinyanga", 1♂ 3♀♀.

Distribution: south-eastern part of tropical Africa.

Glyptopteryx quadricollis (Fairmaire)

Selinus quadricollis Fairmaire, 1887, *Ann. Soc. Ent. France* 6: 284. — In *Glyptopteryx*: Koch 1956: 217;

Glyptopteryx forticostis Gebien, 1910, *Erg. Exp. Kilim.* 7: 376.

MATERIAL EXAMINED: "Kenya, lac Naivasha, 10 km Fisherman's Camp, 5.XI.1974", (Mahnert, Perret), 1♀.

Distribution: eastern part of tropical Africa.

***Melanopterus porcatus* Mulsant and Rey**

Melanopterus porcatus Mulsant and Rey, 1854, *Mem. Ac. Lyon* 4: 159.

MATERIAL EXAMINED: "Cape Province", 1♀.

Distribution: South Africa: Cape Province.

***Monodius convexipennis* (Gebien)**

Selinus convexipennis Gebien, 1904, *Ark. Zool.* 5: 2. — In *Monodius*: Koch 1956: 181.

MATERIAL EXAMINED: "Cameroon, Etoubi Assok, at light, VII.1983", (Notari), 3♀♀ 1♂.

Distribution: Nigeria, Cameroon.

***Quadrideres femineus* (Lesne)**

Selinus femineus Lesne, 1922, *Voy. Roths. 1: 701.* — In *Quadrideres*: Koch 1956: 192.

MATERIAL EXAMINED: "Kenya, lac Nivasha, 10 km Fisherman's Camp, 5.XI.1974", (Mahnert, Perret), 7♀♀ 3♂♂.

Distribution: eastern part of tropical Africa.

***Quadrideres simplicipes* (Gebien)**

Selinus simplicipes Gebien, 1910, *Erg. Exp. Kilim.* 7: 374. — In *Quadrideres*: Koch 1956: 205.

MATERIAL EXAMINED: "Kenya, Taita Hills, Mwarungu, 1700 m, 3.II.1974", (Mahnert, Perret), 3♀♀.

Distribution: Kenya.

***Selinus planus* (Fabricius)**

Opatrium planum Fabricius, 1792, *Ent. Syst. I:* 118. — In *Selinus*: Mulsant and Rey 1853: 324; Koch 1956: 251.

MATERIAL EXAMINED: "West Africa", 1♀.

Distribution: north-western part of tropical Africa.

***Eucolus polinieri* Mulsant and Rey**

Eucolus Polinieri Mulsant and Rey, 1853: 292; Kaszab 1975: 285.

MATERIAL EXAMINED: "Ceylon, Kandy", 1♀ 1♂.

Distribution: southern India, Sri Lanka.

***Menearchus dispar* (Herbst)**

Tenebrio dispar Herbst, 1797, *NaturSystem*, 7: 248. — In *Menearchus*: Kaszab 1975: 336.

MATERIAL EXAMINED: "India or.", 2♂♂. — "India mér. 24.V.". (Carl et Escher), 1♀. — "Ceylon, Tricomalie" (Humbert), 3♀♀ 2♂♂.

Distribution: southern India, Sri Lanka.

Menearchus hirtipes Kaszab

Menearchus hirtipes Kaszab, 1975: 335.

MATERIAL EXAMINED: "India, Madras, Coimbatore, 1400 ft", (Nathan), 1♂ 3♀ ♀.

Distribution: southern India.

Menearchus laevipennis Kaszab

Menearchus laevipennis Kaszab, 1975: 347.

MATERIAL EXAMINED: "Ceylon, Trincomalie" (Humbert), 4♂ ♂.

Distribution: Sri Lanka.

Menearchus tenuestriatus (Fairmaire)

Pseudoblaps tenuestriata Fairmaire, 1898, *Annls Soc. ent. Fr.* 67: 391. — In *Menearchus*: Kaszab 1975: 342.

MATERIAL EXAMINED: "Ceylon, Trincomalie" (Humbert), 2♂ ♂ 3♀ ♀.

Distribution: Sri Lanka.

Platydendarus javanus (Wiedemann)

Opatrium javanum Wiedemann, 1819, *Zool. Mag.* 1, 3: 163. — In *Platydendarus*: Kaszab 1975: 318.

MATERIAL EXAMINED: "Thailand, Huà Dông, 20 km N Nakhon Sawan, 1981", (Schwendinger), 1♀ 1♂. — "Thailand, Surin, 27.XII.1985", (Schwendinger), 1♀. — "Thailand, Chiang Mai", (Schwendinger), 3♀ ♀ 3♂ ♂.

Distribution: southern China, India, Sunda Islands, Moluccas.

Platydendarus marzenae n. sp. (figs 1-7)

Body black, shiny. Head densely and coarsely punctured; frons strongly depressed medially and near fronto-clypeal suture (fig. 2); eyes convex. Pronotum (fig. 3) $0,71 \times$ as long as wide; disc densely and coarsely punctured, wrinkled towards lateral margins; sides of pronotum distinctly rounded, with shallow sinuosity in front of posterior angles; pronotal edges crenulate; anterior angles acute, slightly prominent; pronotal base sinuate laterally, marginal carina obsolescent and broadly interrupted medially. Elytra (fig. 4) $1,4 \times$ as long as wide and $2,4 \times$ as long as pronotum, broadly oval, convex laterally, with rounded sides; elytral punctures strong, round, situated in distinct grooves; fourth row consist of 36 punctures; intervals slightly convex, with sparser, much finer punctuation. External female genitalia as on figure 7; total length 1,92 mm, paraprocts 1,06 mm, coxites 1,12 mm, ratio p/c 0,96; paraprocts trapezoidal, with longitudinal baculi; coxites subdivided into 4 lobes; gonostyli with a number of hairs at the top, one of them longer than the other. Bursa copulatrix (figs 5, 6) with three well-sclerotised membranes.

Length 12,5-13,1 mm.

HOLOTYPE ♀ — [Burma, Taninthari], "India or., Tenasserim, Meešan Fea. Apr. 1887, It. L. Fea Dupl. Ach. 7.92", (Mus. Geneva).

PARATYPE ♀ — [Burma, Taninthari], “Tenasserim, J. W. M.”, (Hungarian Natural History Museum).

Dedicated to Miss Marzena Kowalow.

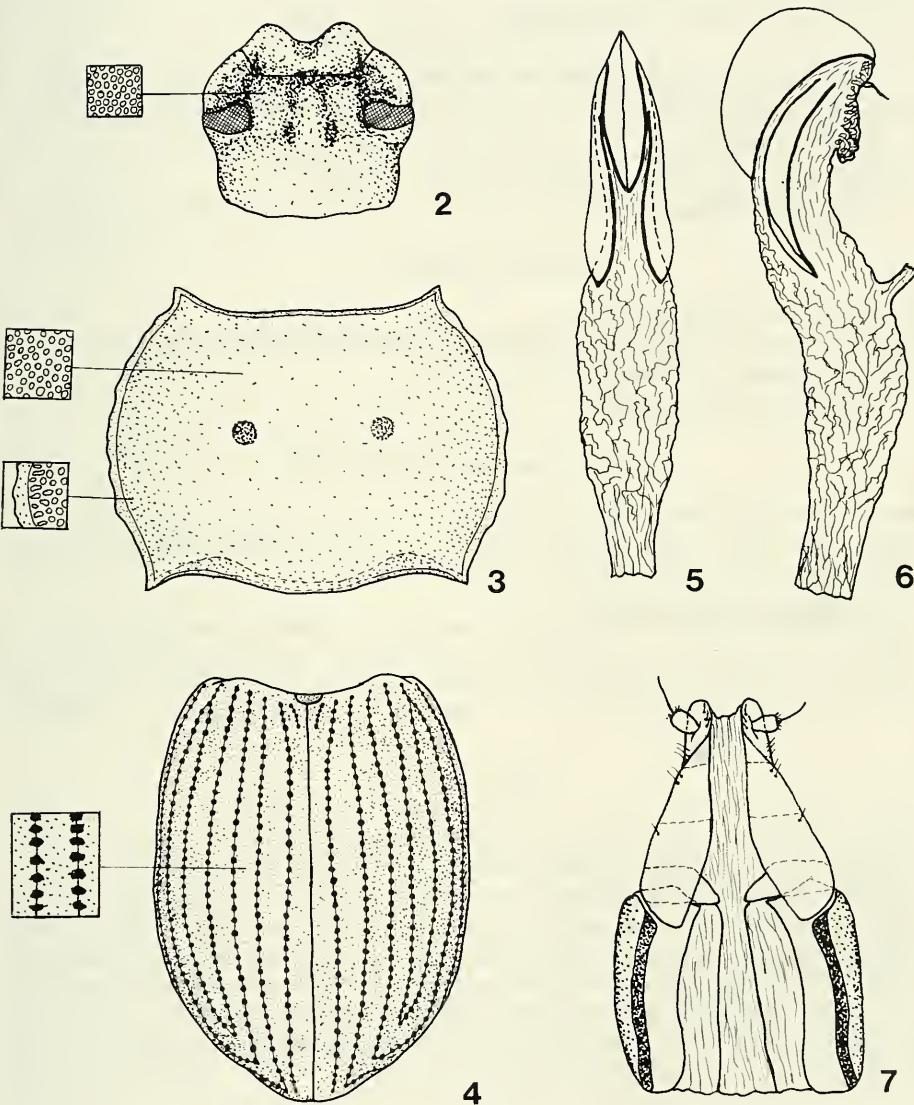
This species is similar to *P. rondoni* Kaszab, 1975. It differs from it in having the lateral edges of pronotum crenulate (smooth in *rondoni*) and elytral punctures in distinct grooves (without grooves in *rondoni*).



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FIG. 1.

Platydendarus marzenae sp. n., dorsal view.



FIGS 2-7.

Platydendarus marzenae sp. n. — 2: head, dorsal; 3: pronotum; 4: elytra; 5: bursa copulatrix, dorsal; 6: bursa copulatrix, lateral; 7: ovipositor, dorsal.

Platynotooides belli (Fairmaire)

Platynotus Belli Fairmaire, 1896, *Annls. Soc. ent. Belg.* 40: 13. — In *Platynotooides*: Kaszab 1975: 297.

MATERIAL EXAMINED: "India", 2♀♀.

Distribution: southern India, Burma.

Rugoplatynotus andrewesi (Fairmaire)

Pseudoblaps Andrewesii Fairmaire, 1896, *Annls. Soc. ent. Belg.* 40: 14. — In *Rugoplatynotus*: Kaszab 1975: 289.

MATERIAL EXAMINED: "Burma, Thigyara, 11.VI.1885", (Fea), 1♀.

Distribution: Burma.

Notocorax mandli Kaszab

Notocorax mandli Kaszab, 1975: 302.

MATERIAL EXAMINED: "India, Madras, Coimbatore, 1400 Ft, VIII.1971", (Nathan), 1♂. — "India, Madras, Coimbatore, sub lapido, oct. 1976", 1♀.

Distribution: southern India.

Notocorax nervosus Mulsant and Rey

Notocorax nervosus Mulsant and Rey, 1853: 50.

MATERIAL EXAMINED: "India, Madras, Coimbatore, 1400 Ft, IX.1972", (Nathan), 2♂♂. — "India, Madras, Coimbatore, 1400 Ft, XI.1975", (Nathan), 1♀.

Distribution: southern India.

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